

Datenbank-Name	Vergleich	Endometriose	Vergleich	Endometriose	Vergleich	Endometriose
	versus	Normal Phase	versus	Normal pro Phase	versus	Normal pro Phase
X02761, fibronectin (FN precursor)	down (0 up - 16 down)		down (4 up - 12 down)		up (18 up - 1 down)	
S37730, insulin-like growth factor binding protein-2	down (1-15)		nc (13-13)		up (17-2)	
U40271, Human transmembrane receptor precursor (PTK7)	down (0-14)		nc (6-2)		up (9-1)	
M21574, platelet-derived growth factor receptor alpha (PDGFR α)	down (0-13)		nc (8-10)		up (17-0)	
L22548, collagen type XVIII alpha 1 (COL18A1)	down (0-13)		down (0-8)		up (17-0)	
M80482, subtilisin-like protein (PACE4)	down (1-13)		down (4-13)		up (22-2)	
Z26653, laminin M chain (merosin)	down (1-13)		nc (9-10)		up (17-1)	
M36860, U77846, Elastin	down (0-12)		nc (0-0)		up (25-0)	
X05610, type IV collagen alpha -2 chain	down (0-12)		nc (3-3)		up (11-0)	
X67325, p27 interferon alpha-inducible gene	down (1-12)		nc (9-10)		up (10-2)	

Figure 1

[Key to Table:]

Datenbank-Nr., Name = Data Bank No., Name
Vergleich Endometriose versus Normal (sekr. Phase) = Comparison
of Endometriosis versus Normal (Secr. Phase)
Vergleich Endometriose versus Normal (prol. Phase) = Comparison
of Endometriosis versus Normal (Prol. Phase)
Vergleich sekr. versus prol. Phase (Endometrium) = Comparison
of Secr. versus Prol. Phase (Endometrium)

Datenbank-Nr., Name	Vergleich Endometriose versus Normal (sekr. Phase)	Vergleich Endometriose versus Normal (prol. Phase)	Vergleich sekr. versus prol. Phase (Endometrium)
D42073, reticulocalbin	down (0-11)	nc (8-5)	up (11-2)
U07919, aldehyde dehydrogenase 6	down (1-11)	nc (13-9)	up (22-0)
U81607, gravin	down (1-11)	nc (8-7)	up (18-1)
M30269, nidogen	down (0-10)	nc (8-14)	up (15-3)
D42108, phospholipase C Epsilon	down (1-10)	nc (12-14)	up (25-0)

Abbildung 1

Figure 1

[Key to Table:]

Datenbank-Nr., Name = Data Bank No., Name
Vergleich Endometriose versus Normal (sekr. Phase) = Comparison
of Endometriosis versus Normal (Secr. Phase)
Vergleich Endometriose versus Normal (prol. Phase) = Comparison
of Endometriosis versus Normal (Prol. Phase)
Vergleich sekr. versus prol. Phase (Endometrium) = Comparison
of Secr. versus Prol. Phase (Endometrium)

Abbildung 2

3 / 15

Seq.IDNO	Name	Proteinsequenz
1	Fibronectin	MLRGPGPGLL LLAVQCLGTA VPSTGASKSK RQAQQMVQPOQ SPVAVSQSKP GCYDNGKHYQ INQQMERTYL GNALVCTCYG GSRGFNCESK PEAETCFDK YTGNTRYRVD TYERPKDSMI WDCTCTIGAGR GRISCTIANR CHEGQSYKI GDTWRRPHET GGYLECVCL GNGKGEWTCK PIAEKCFDHA AGTSYVGET WEKPYQGWM VDCTCLGEBS GRITCTSRRN CNDQDTRTSY RIGDTWSKID NRGNLLQJCIC TGNGRGEWKC ERHTSVQTT SGSPPFTDVR AAVYQPQPHP QPPPYGHCVT DSGVVVSYGM QWLKTQGNKQ MLCTCLGNGV SCQETAVTQT YGGNSNGEPC VLPFTYNGRT FYSCTTEGRQ DGHLWCSTTS NYEQDQKYSF CTDHTVLVQT QGGNSNGALC HFPFLYNNIN YTDCTSEGRR DNMKWCGBTQ NYDADQKFGF CPMAAHEEIC TTNEGVMYRI GDDQWDKQHDM GHMMRCTCVG NGRGEWTCA YSQLRDQCIV DDITTYNVNDT FHKRHEEGHM LNCTCFGQGR GRWKCDPVDQ CQDSETGTFY QIGDSWEKYV HGVRYQCYCY GRGIGEWHCQ PLQTYPSSSG PVEVFITETP SQPNSHPIQW NAPQPSPHISK YILRWRPKNS VGRWKEAT1P GHLNNSYTIKG LKPGVVYEGQ LISIQQYGHQ EVTRFDFTTT STSTPVTTSNT VIGETTPFSP LVATSESVTE ITASSFVVSW VSASDITVSGF RVEYELSEEQ DEPQYIIDLPS TATSVNIPDL LPGRKYIVNV YQISEDGEQS LILSTSQTAA PDAPPDPTVD QVDDTSIVR WSRPQAPITG YRIVYSPSVE GSSTELNLPE TANSVTLSDL QPGVQYNTITI YAVEENQUEST PVVIQQETTG TPRSDTVPS RDLOFVEVTD VIKVITIMWTPP ESAVGYRVD VIPVNLPGEH GQLPISRNT FAEVTGSPG VTYYPFKVFAV SHGRESKPLT AQQITRKLDAP TNLQFVNEDT STVLRWTTP RAQITGYRLT VGLTRRGQPR QYNVGPSPSK YPLRNQSPAS EYTVSLWAIK GNQESPKATG VFTTLQPGSS IPPYNTEVTE TTIVITWTPA PRIGFKLGVR PSQGGEAPRE VTSQSGSIIV SGLTPGVEYY YTIQVILRDGQ ERDAPIVNKV VTPLSPPTNL HLEANPDTGV LTVSWERSTT PDITGYRITT TPTNQGQQGNS LEEVVAHDQS SCTFDNLSPG LEYNVSYTV KDDKESVPIS DTIIPAVPPP TDLRFTNIGP DTMVRVTWAPP PSIDLTMFLV RYSPVKNEED VAEELSISSPSD NAVVLTNLLP GTEYYVVSVSS VYEQHESTPL RGRQKTLGLDS PTGIDFSDIT ANSFTVHWIA PRATITGYRI RHPEHFSGR PREDRVPHSR NSITLTMLTP GTEYVVSIVA LNGREESPLL IGGQSTVSDV PRDLEVVAAT PTSLLISWDA

Figure 2

Proteininsequenz = Protein Sequence
Fibronektin = fibronectin

[Key to Table:]

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Fibronektin = fibronectin

Abbildung 2

Seq.IDNO	Name	Proteinsequenz
		PAVTVRYRI TYGETGGNISP VQEFVVPGSK STATISGLKP GVDYITIVYA VTGRGDSVAS SKPISINYRT EIDKPSQMVG TDVQDNSISV KWLPSSSPVY GYRVTTTPKN GPGETKTKTA GPDQTEMTE GLQPTVEVV SVAQNPSGE SQPLVQTAVT NIDRPKGGLAF TDVVDVDSIKI AWESPGQVS RYRVTYSSPE DGIHELFPAP DGEEDTAELQ GLRPGESEYTV SVVALLHDDME SOPLIGTQST AIPAPTDLKF TQVTPTSLSA QWTPPNVQLT GYRVRVTPKE KTGPMEKINL APDSSSVVVS GLMVATKYEV SVYALKDFTL SRPAQGVVT LENVSPPRRA RVTDATETTI TISWRKTET ITGFQYDAVP ANGQTPQIORT IKPDVRSYTI TGLQPGTDYK IYLYTLNDNA RSSPVVIDAS TAIDAPSNLR FLATTPNSLL VSWQPPRARI TGYI IKYEKP GSPPREVVPR PRPGVTEATI TGLEPGTEYT IYVIALKINQ KSEPLIGRKK TDELTPQLVTL PHPNLHGPEI LDVPSTVQKT PFWTHPGYDT GNGIQLPGTS QQQPSVGQOM IFEEHGFRRT TPPPTTATPIR HRRPRYPNN GEEI QIGHIP REDVDYHLYP HGPGLNPNAS TGQEALSQTT ISWAPFQDTS EYIISCHPVG TDEEPLQFRV PGTSTSATLT GLTRGATYNI IVEALKDQQR HVVREEVVTV GNSVNEGILNQ PTDDSCFDPY TVSHYAVGDE WERMSESGFK LLCQCLGFGS GHFRCDSSRW CHDNGVNYKI GEKWDQGEN GQMMMSCTCLG NGKGEFKCDP HEATCYDDGK TYHVGEQWQK EYLGAIICSTC CFGGQRGWRC DNCRRPGEPE SPEGTTGQSY NQYSQRYHQR TNTNVNCPIE CFMPLDVQAD REDSRE
2	Insulin-like growth factor binding protein-2	MLPRVGCPL PLPPPPLPL LPLLLLGA SGGGGARAE VLFRCPCTP ERLAACGPPP VAPPAAVAAV AGGARMPCAE LVREPGCGCC SVCARLEGEA CGVYTPRCGQ GLRCYPHPGS ELPLQALVMG EGTCEKRRDA EYGASPEQVA DNGDDHSEGG LVENHVDSTM NMLGGGSAG RKPLKSGMKE LAVFREKVTE QHRQMGKGGK HHLGLEEPKK LRPPPARTPC QQELDQVLER ISTMRLPDER GPLEHLYSLH IPNCDKHGLY NLKQCKMSLN GQRGECEWCVN PNTGKLIQGA PTIRGDPECH LFYNEQQEAR GVHTQRMQ

Figure 2

Proteininsequenz = Protein Sequence

[Key to Table:]

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Abbildung 2

Seq.IDNO	Name	Proteinsequenz
3	Transmembrane receptor PTK7	MGAARGSPAR PRRPLPLSVL LIPPLLGGTQT AIVFIKQSS QDALQRRAL LRCEVEAPGP VHVVWLLDGA PVQDTERRFA QGSSLSFAV DPLQDSGTFQ CVARDDVTGE EARSANASEN IKWIEAGPVV LKIPASEAEI QPQTQVKLRC HIDGHIPRPTY QMERDGTPLS DGQSNHTVSS KERNLTLRPA GPEHSGLYSC CAHSAFSQAC SSQNFTLSIA DESFARVVLIA PQDVVVARYE EAMFHICQFSA QPPPSLQWLF EDETPITNRS RPPHLRRATV FANGSLLLTQ VRPRNAGIYR CIGQQQRGPP IILEATLHLA EIEDMLFEP RVFTAGSEER VTCLPPKGLP EPSVWWEHAG VRLPTHGRVY QKGHEVLIAN IAESDAGWYT CHAANLAGQR RQDVNITVAT VPSWLKKPQD SQLEEGKPGY LDCLLTQATPK PTVVWYRNQM LISEDSSREV FKNGTLRINS VEVYDGTWYR CMSSTPAGSI EAQAVLQVLE KLKFPTPPQPP QQCMGFDKEA TVPCSATGRE KPTIKWERAD GSSLPEWTD NAGTLHFARV TRDDAGNYTC IASNGPQGQI RAHVQLTVAV FITFKVDEPER TTVYQGHTAL LQCEAQGDPK PLIQWKGKDR ILDPTKLGPR MHIFQNGSLV IHDVAPEDSG RYTCIAGNSC NIKHTEAPLY VVDKPVPEES EGPGSPPPYK MIQTIGLSVG AAVAYIILAVL GLMFYCKKRC KAKRILQKQPE GEEPEMECLN GGPLQNGQPS AEIQQEVALT SLGSGPAATN KRHSTSDFMH FPRSSLQPIPIT TLGKSEFGEV FLAKAQGLEE GVAETLVLVK SLQSKDEQQQ LDFRRELEMF GKLNHANVVR LLGLCRAEAP HYMVLVEYDL EDLKQFLRIS KSKDEKLKSQ PLSTKQKVAL CTQVALGMEH LSNNRFVHKD LAARNCLVSA QRQVKVSALG LSKDVNSEY YHFRQAWVAL RWMSPEAILE GDFSTKSDWV ASGVLMWEVF THGEMPHGGQ ADDEVLADLQ AGKARLQPQE GCPSKLYRLM QRCWALS PKD RPSFSEIASA LGDSTVDSKP
4	Platelet-derived growth factor receptor alpha	MGTSHPAFLV LGCLLTGLSL ILCQLSLPSI LPNENEKVVQ LNSFSLRCF GESEVSWQYP MSEEEESSDVE IRNEENNSGL FVTYLEVSSA SAAATGLYTC YNNHTQTEEN ELEGRHIYIY VPDPDVAFVP LGMTDYLVIV EDDSATIIPC RTT'DPETPVIT LHSEGVVPA SYDSRQGFNG TFTVGPYICE ATVKGKKFQT IPFNVYALKA

Figure 2

Key to Table:
Proteinsequenz = Protein Sequence

Abbildung 2

Seq.IDNO	Name	Proteinsequenz
		TSELDLEMEA LKTVYKSGET IIVVTCAVENN EVVDLQWTPY GEVKGKGITM LEEIKVPSIK LVTYLTVPEDA TVKDSGDYEC ARQATREVK EMKKVITSVH EKGFIIEIKPT FSQLEAVNLH EVKHFVVEVR AYPPRISWL KNNLTLIENL TEITTDVEKI QEIRYRSKLK LIRAKEEDSG HYTIVAQNED AVKSYTPELL TQVPPSILDL VDDDHGSTGG QTVRCTAEGT PLPDIEWMIC KDIKIKCNCNET SWTLLANNVS NIITEIHSRD RSTVEGRVTF AKVEETIAVR CLAKNLLGAE NRELLKLVAPT IRLSELTVAAA VLVLLVIVII SLIVLVVIIK QKPRYEIRWR VIESISPDPGH EYIYVDPMLQ PYDSRMWFPR DGLVLGRVLG SGAFGKVVEG TAYGLRSRSP VMKVAVKMLK PTARSSSEKQA LMSELKIMTH LGPHLNIIVNL I.GACTKSGPI YIITEYCFYG DLVNYLHKNR DSFLSHHPEK PKKELDIFGL NPADESTRSY VILSFENNGD YMDMKQADTT QYVPMLERKE VSKYSDIQRS LYDPRASYKK KSMLDSEVKN LLSDDNSEGL TLDDLLSFTY QVARGMELFLA SKNCVHRLDA ARNVILLAQK IVKICDFGLA RDIMHDSNYV SKGSTFLPVK WMAPESIFDN LYTTLSDWWS YGILLMEIFS LGGTTPYPMGM VDSTFYNKIK SGYRMAKPDH ATSEVVEIMV KCMNSEPEK R PSFYHLSEIV ENLLPGQYKK SYEKIHLDFL KSDHPAVARMVDSDNAYG VTYKMEEDKL KDWEGGLDEQ RLSADSGYII PLPDIDPVPE EEDLGKRNRH SSQTSEESAI ETGSSSSTFI KREDITIEDI DMDDDIGIDS SDLVEDSFL
5	Collagen type XVIII alpha 1	GEVGADGIPF PGGLPGREGI AGPQGPKGDR GSRGEKGDKP KDGIGQPGPLP GPRGPPGPVV YVSEQDGSVL SVPGPEGRRG FAGFPGPAGP KGNLGSKGEL GSPGPKGEGK EPGSIFSPDG GALGPQKGA KGEPGFRGPP GLYGRPGYKG EIGFPGRGR PGMNGLKGKEK GEPGDASLGF GMRGMPGPP PGPPPGPPGT FVYDSNVFAE SSRGPGPGLP GNQGPPGPKG PKGEVGPAGP PGQFPFDLQ KEAMKGKEKG DRGDAGQKGE RGEPGGGGFF GSSLPGAPGA PGPRGYPGIP GPKGESIRGQ PGPPGPQGPP GIGYEGRQGP PGPPGPQGP SFPGPHRQTI SVPGPPGPPG PPGPPGTMGA SSGQVRLWAT RQAMLQVHE VPEGWLIFVA EQEELYVRVQ NGFRKVQLEA RTPLPRTDN EVAALQPPVV QLHDNSNPYPR REHPHPTARP WRADDILASP PGLPPEQYPYP GGPHHSSSYVH CGPARPTSPP AHSHRDFQPV LHLVALNSPL SGGMRGIRGA DFQCFQQARA VGLAGTFRAF LSRLIQDLYS

Figure 2

Figure 2 is a blank page with a vertical column of small, illegible marks on the left side, possibly representing a key or a scale bar.

[Key to Table:]

Proteinsequenz = Protein Sequence

Abbildung 2

Seq.IDNO	Name	Proteinsequenz
6	Subtilisin-like protein (PACE4)	<p>IVRRADRAAV PIVNLKDELL FPSWEALFSG SEGPLKPGAR IFSFDGKDVL RHPTWPQKSV WHGSDPNGRR</p> <p>LTESYCATWR TEAPSATGQA SSLIGGRLLQ QSAASCHHAY IVLCIENSFM IASK</p> <p>MPPRAPPAPG PRPPPRAAA TDTAAGAGGA GGAGGAGGPG FRPLAPRPRWR WLLLALPAA CSAPP PRPVY</p> <p>TNHAWAVQLG GPAEADRVAA AHGYINLQOI GNLEDYYHFY HSKEFKRSTL SSRGPHTFLR MDPQVKWLQQ</p> <p>QEVRKRRVKRQ VRSDPQALYF NDPIWSNMWY LHCGDKNSRC RSEMNVQAAW KRGYTGKNNV VTILDDGTER</p> <p>NHFDLAPNYD SYASYDVNGN DYDPSPRYDA SNENKIGTRC AGEVAASANN SYCIVGIAYN AKIGGIRMLD</p> <p>GDVTDVVEAK SLGIRPNYID IYSASWPDD DGKTVDGPGR LAKQAFEYGI KKGRQGLGSI FWASGNCCR</p> <p>EGDYCSCDGY TNSIYTISVS SATENGYKPW YLEECASTLIA TTYSSGAFYE RKIVTDLRQ RCTDGHGTGTS</p> <p>VSAPMVAGII ALALEANSQL TWRDQVHLLV KLSRPAHLKA SDWKVNGAGH KVSHFYFGGL VDAEALVVEA</p> <p>KKWTAVPSQH MCVAAASDKRP RSIPLVQVLR TTALTSACAE HSDQRVVYLE HVVVRTSISH PRRGDIQIYL</p> <p>VSPSGTGSQI LAKRLLLDSN EGFTNWEMFT VHCWGEKAEG QWTEI IQDLP SQRVNPEKQG KLKEWSLLIY</p> <p>GTAEEHPYHTF SAHQSRSRML ELSAPELEPP KAALSPSQVE VPEDEEDEYTA QSTPGSANIL QTSVCHPECG</p> <p>DKGCDGPNAQ QCLNCSVHFSL GSVKTSRKCV SVCPLGYFGD TAARRCCRCH KGCETCSSRA ATQCLLSCRGG</p> <p>FYHQEMNTC VTLCPAGFYA DESQKNCLIC HPSCKKCVDE PEKCTVCKEG FSLARGSCIP DCEPGTYFDS</p> <p>ELJRCGECHI TCGTCVGPGR EECIHCAKNF HFHDWKCVPA CGEGFYPEEM PGLPHKVCRRI CDENCLSCAG</p> <p>SSRNCSRCKT GFTQLGTSCI TNHTCSNADE TFCENVKSNR LCERKLFIQF CCRTCLLJAG</p>
7	Laminin M chain (Merosin)	<p>MPGAAVGVILL LLLSGGLGGV QAQRQQQQRQ SQAHQQRGLF PAVLNLASNA LITTNATCGE KGPEMYCKLV</p> <p>EHVPGQPYRN PQCRICMNS SNPQRHPIT NAIDGKNTWW QSPSIKNGIE YHYVTTLQL QQVFQIAVYI</p> <p>VKAANSPRPG NWILERSLDD VEYKPMQYHA VTDTECLTLY NIYPRTGPPS YAKDDEVICT SFYSKIHPLE</p> <p>NGEIHISLIN GRPSADDPS P ELEFTSARY IRLRFQRIRT LNADLMMFAH KDPREIDPIV TRYYYSVKD</p> <p>ISVGGMCICY GHARACPLDP ATNKSRCCECE HNTCGDSCDQ CCPGFHQKPM RAGTFLTKTE CEACNCHGKA</p>

Figure 2

Proteinsequenz = Protein Sequence

[Key to Table:]

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Abbildung 2

Seq.IDNO	Name	Proteinsequenz
		EECYDENVA RRNLSLNIRG KYIGGGVCIN CTRQNTAGINC ETCTDGFFRP KGVS PNY PRP CQPCHCDFPIG SLNEVCVKDE KHARRGLAPG SCHCKTGFGG VSCDRCARGY TGYPDCKACN CSGLGSKNEP PCFGPCICKE NVEGGDCSRC KSGFFNLIQED NWKGCDCEFC SGVSNRCQSS YWTYGKIQDM SGWYLTLDLPG RIRVAPQQDD LDSPQQISIS NAEARQALPH SYWWSAPAPY LGNKLPAVGG QLTFTISYDL EEEEEEDTERV LQLMILLEGN DLSLISTAQDE VYLHPSEEHT NVLLLKEESF TIGHGTHFPPVR RKEFMTVLAN LKRVLLQITY SFGMDAIFRL SSVNLESAVS YPTDGSIAAA VEVVCQCPPGY TGSSCSESAMP RHRRVNGTIF GGTCPEQCF GHAESCCDDVT GECIUNCKDHT GGPYCDKCLP GFYGEPTKGT SEDCQCPACP LNIPSNNFSP TCHLDRSLGL ICDGCPVGYT GPRCERCAEG YFGQPSVPGG SCQFCQCNNDN LDFTS1PGSCD SI.SGSCLICK PGTGTRYCEL CADGYFGDAV DAKNCQPCRC NAGGSFSEVC HSQTGQCECR ANVQGQRCDK CKAGTFLQGS ARGCVPCNCN SFGSKSFDFCE ESGQCWCPG VTAGKKCDRCA HGYTFNFQEGG CTACECASHLG NNCDPKTGRC ICPPNTIGEK CSKCAPNTWVG HSITTGCKAC NCSTVGSLDF QCNVNTGQCN CHPKFSGAKC TECSSRGHWNY PRCNI.CDCFL PGTDATTCDGS ETPKCSCSDQ TGQCTCKNVN EGI1HICDRCRP GKFGFLDAKNP LGCCSSCYCFG TTTQCSPEAKG LIRTWVTLKA EQTILPLVDE ALQHTTTKG1 VFQHPEIVAH MDLMREDLHL EPFYWKLPQE FEGKKLMMAYG GKLKYAIYFE AREETGFSTY NPQV1IRGGT PTHARIIVRH MAAPLIGQLT RHEIEMTEKE WKKYYGDDPRTV HRTVTRDFL DILYDIHYIL IKATYGNFMR QSRISEISME VAEQGRGTTM TPPADLIEKC DCPLGYSGLS CEACLPGFYR LRSQPGGRTP GPTLGTCVPC QCNQHSSLCD PETS1CONCQ HHTAGDFCER CALGYYGIVK GLPNDCQQCA CPLI.SSSNNF SPSCVAEGLD DYRCTACPRG YEGQYCFRCA PGYIYGSPGNP GGSCQCECSD PYGSLPVPDCD PVTGFCFCRCP GATGRKCDGC KHWWAREGWE CVFCGDDECTG LLLGDLARLE QMVMS1NLTG PLPAPYKMLY GLEMMTQELK HJJ.SPORAPE RLIQLAEGNL NTLVTEMNEL LTRATKVTAD GEQTGQDAER TNTRAKSLGE FIKELARDAE AVNEKA1KLN ETLGTRDEAF ERNLEGGLQKE IDQMIKELRR KNLETQKEIA EDELVAAEAL LKCVKKKLFGF SRGENEMEMK DLREKLADYK NKVDDDAWDLI REATDKIREA NRLFAVNQKN MTALEKKKEA VESGKRO1EN TLKEGN1LD EAMRLADEIN S1IDYVEDIQ TKLPPMSEEL NDKIDDLSQE IKDRKLAEKV

Figure 2

[Key to Table:]

Proteinsequenz = Protein Sequence

Abbildung 2

SeqIDNO	Name	Proteinsequenz
		SQAESHAQL NDSSAVLDGI LDEAKNISFN ATAFAFKAYSN IKDYIDEAK VAKEAKDLAH EATKLATGPR GLLKEDEAKGC LQKSFRILINE AKKLANDVKE NEDHNLNGLKT RIENADARNG DLLRTLMDTL GKLSAIPNDT AAKLQAVKDK ARQANDTAKD VLAQITELHQ NLDGLIKKNYN KLAQSVAKTN AVVKDPSKNK IIAADADATVK NLEQEADRLI DKLKPIKELE DNLLKNNISEI KELINQARKQ ANSIKVSVSS GGDCIRTYKP EIKKGSYNNI VVNVKTAVAD NLLFYLGSAK FIDFLAIEMR KGKVSFLWDV GSGVGRVEYP DLTIDDSYWF RIVASRTGRN GT1SVRALDG PKASIVPSTH HSTSPPGYTI LDVDANAMLF VGGLTGKLKK ADAVRVITFT GCMGETYFDN KPIGLWNFRE KEGDCKGCTV SPQVEDSEGT ATRDLRDFMS VELTDGHIKV SYDLGSGMAS VVSNQNHNNDG KWKSFTLSRI QKQANISIVD IDTNQEENIA TSSSGNNFGL DLKAADDKITYF GGLPTLRLNS MKARPEVNLK KYSGCLKIDIE ISRTPYNILS SPDYVGVTKG CSLENVYTVS FPKPGFVELS PVPIDVGETI NLSFSTKNES G11LLGSGGT PAPPRRKRRQ TGQAYYVILL NRGRLEWHLI TGARTMRKIV IRPEPNLFHD GREHSVHVER TRGIFTVQVD ENRRYMQMLT VEQPIEVKKL FVGGAPPEFQ PSPLRNIPPF EGCIIWNLVIN SVPMDFARPV SFKNADFGRC AHQKLREDED GAAPAEIVIQ PEPVPTPAFP TPTPVLTNGP CAAESEPAALL IGSKQFGQLSR NSHIAIAFDD TKVKNRITIE LEVRTAEESG LLFYMAAINH ADEATVQLRN GLPYFSYDLG SCDTHTMIP KINGQWHKI KIMRSKQEGI LYVDGASNRT ISPKKADILD VVGMLYVGGL PINYTRRIG PTYTSIDGCV RNLLHMAEAPA DLEQPTSSFH VGTCAFANAQR GTYFDGTRGFA KAVGGFVKGL DLLVEFEFAT TTTTGVLJGI SSQQKMDGMGI EMIDEKLMFH VDNGAGRFTA VYDAGVPGHL CDGQWHKVTA NKTKHIRELT VDGNQVEAQ PNPASTSADT NDPVFVGGFP DDLKQFGLLTT S1PFRGCIRS LKLTKGTA SH WRLLIPRPNW
8	Elastin	MAGLTAAAPR PGVLILLISI LHPSPRPGGV GAIPGGVPGG VFYPGAGLGA LGGGALGPGG KPLKPVPGGL AGAGLQAGLQ AFPAVTFPGA LVFGGVADAA AAYKAAKAGA GLGGVPGVGG LGVSAGAVVP QPGAGVKGK VPGVGLPGVY PGGVLPGARF PGWGVLPGVF TGAGVPKAP GVGGAFAFAGIP GVGPFGGPQP GVPLGYPPIKA PKLPGGGYGLP YTTGKLPPYGY GPGGYAGAAG KAGYPTGTGV GPQAAAAAAA KAAAKFGAGA AGVLPGVGG

Figure 2

Ein Bild mit einer Tabelle, die eine Proteinsequenz darstellt. Die Tabelle besteht aus mehreren Spalten und Zeilen von Buchstaben, die wahrscheinlich die Aminosäuresequenz eines Proteins sind. Die Spalten sind durch vertikale Linien getrennt, und die Zeilen durch horizontale Linien.

[Key to Table:]

Proteinsequenz = Protein Sequence

Abbildung 2

Seq.IDNO	Name	Proteinsequenz
9	Alpha-2 type collagen	<p>GVPGVPGAP GIGGIAGVGT PAAAAAAGAA AKAAKYGAAGA GLVPGGPGFG PGVVGVPAG VPGVGVPAGAG</p> <p>IPVVPGAGIP GAAVPGVVSP EAAAKAAAKA AKYGARPVG VCGIPTYGVG AGGFPGFGV VGGIPGVAGV</p> <p>PSVGGVPGVG GVPGVGISPE AQAAAAAAKA KYGVGTPAAA AAKAAAKAAQ FALLNLAGLV PGVGVAPGVG</p> <p>VAPGVGVAPG VGLAPGVVVA PGVGVAAPGV VAPGIGPGV AAKAAKSAAAKV AAKAAQRLRAAA GLGAGGIPGLG</p> <p>VGVGVPGVGLGV GAGVPGVGLGV AGVPGFGAVP GALAAAKAAK YGAAVPGVVLG GLGALGGVGI PGGVVGAGPA</p> <p>AAAAAAKAAA KAAQFGVLVGA AGLGLGLGVGG LGVPVGVLG GIPAAAKAA AKYGAAGLGG VLGGAGQFPL</p> <p>GGVAAARPGFG LSPIFPGGAC LGKACGRKRK</p> <p>MGRDQRAVAG PALRRWLLIG TVTVGFLAQV VLAGVKKFDV PCGGRDCSGG CQCYPEKGGR GQPGPVGPQC</p> <p>YNGPPGLQGF PGLQGRKDK GERRGAPGVTG PKGDVGARGV SGFPGADGIP GHPGQGGPRG RPGYDGCGNT</p> <p>QGDSGPQGPP GSEGFTGPPG PQGPKGQKGE PYALPKERID RYRGEPEPG LVGFQGPPGR PGHVGQMGPV</p> <p>GAPGRPGPP PPGPKGQQGN RGLGFYGVKG EKGDVQGPNG NGIPLSDTLHP IIAPTGVTFH PDQYKRGEGKS</p> <p>EGEPEGIRGIS LKGEEGIMGF PGLRGYPGLS GEKGPQKQG SRGLDGYQGP DGPGRGPGEA GDPGPPGGLPA</p> <p>YSPHPSLAKG ARGDPGPAGA QGEPGSQQEP GDPGLPGPPG LSIGDGDQRR GLPGEMGPKG FIGDGPGIPAL</p> <p>YGGPPGPDGK RGPPGPGLP GPPGPDGFLF GLKGAKGRAG FPGLPGSPGA RGPKGWKGDA GECRCTEGDE</p> <p>AIKGLPGLPG PKGFAGINCE PGRKGDKGDP QGHGLPGFPG LIKGVPGNIGA PGPKGAKGDS RTITTKGERG</p> <p>QPGVPGVPGM KGDDGSPGRD GLDGFPGLPG PPGDGIKGPP GDFGYPGIP PGKTPGEMGP PGGLGLPGLKG</p> <p>QRGFPGDAGL PGPPGFLGPP GPAGTPQCID CDTDVKRAVG GDRQEAIQPG CIAGPKGLPG LPGPPGPTGA</p> <p>KGLRGIPGFA GADGGPGPGRG LPGDAGREGF PGPPGFIIGPR GSKGAVGLPG PDGSPGPIGL PGPDGPPGER</p> <p>GLPGEVILGAQ PGPRGDAGVP CQPGGLKGGLPG DRGPFGRGSG QGMPGMPGLK QPGLYGPGL</p> <p>HGFPGAPQEE GPLGLPQIPG REGLPGDRGD PGDTGAPGPV GMKGLSGDRG DAGFTGEQGH PGSPGFKGID</p> <p>GMEGTPGLKG DRGSPGMDF QGMPGLKGRP GFFPGSKGEAG FFGIPGLKGL AGEPGFKGSR GDPGPPGPPP</p>

Figure 2

He had a very good time, and when he got home he told his mother all about it.

[Key to Table:]

Proteinsequenz = Protein Sequence

Abbildung 2

Seq.IDNO	Name	Proteinsequenz
		VILPGMKDIK GEKGDEGGPMG LKGYLGAKGI QGMPGIGPLGS GIPGLPGRGP HIKGVKEDIG VPGIPGJPGF PGVAGPPGTT GFPGFIGSRG DKGAPGRAGL YGEIGATGDF GDIGDTINLP GRPGLKGGERG TTGIPGLKGF FGEKGTEGDI GFPGCTGVTG VQGPPGLKGQ TGFPGLTGP PGEANTLPGP CSQGELGRIG LPGGKDDGW PGAPGLPGFP GLRGIRGLHG LPGTKGFPGS PGSDIINGDP FPGPPGERGD PGEANTLPGP VGVPGQKGQDQ GAPGERGPPG SPGLQGFPGI TPPSNISGAP GDKGAPGIFG LKGYRGPPGP PGSAALPGSK GDTGNPGAPG TPGTKGWAGD SGPQGRPGVF GLPGEKGPRG EQGFMGNTGP TGAVGDRGPK GPKGDPGPFG APGTVGAPGI AGIPQKIAIQ PGTVGPQGRR GPPGAPGEIG PQGPPGEFGF RGAPGKAGPQ GRGVSAVPG FRGDEGGPIGH QGPIGQEGAP GRPGSPGLPG MPGRSVSISGY LLVVKHSQTDQ EPMCPVGMMNK LWSGYSILYF EGQEKAHNQD LGLAGSCLAR FSTMPFLYCN PGDVCYYASR NDKSYWLSTT APLPMMPPVAE DEIKPYISRC SVCEAPAIAI AVHSQDVSIIP HCPAGWRSIW IGYSFLMHTA AGDEGGQQSL VSPGSCLEDF RATPPIECNG GRGtCHYYAN KYSFWLTIP EQSFQGSPSA DTLKAGLRT HISRCQVCMK NL
1.0	F2.7	MEASALTSSA VTSVAKVVRV ASGSAVVLPL ARIATVIGG VVAMAAVPMV LSAMGFTAAG IASSSIAAKM MSAAAIANGG GVASGSTLVGT LQSLGATGLS GLTKFILGSI GSIAIAVIAR FY
1.1	Reticulocalbin	MARGGGRGRRL GLALGLLLAL VLAAPRVLRAK PTVRKERVVR PDSELGERPP EDNQSFQYDH EAFLGKEDSK TFDQLTPDES KERLGKIVDR IDNDGDFVVT TEELKTIWIKR VQKRYIFDNV ARVWKDYDRD KDDKISWEY KQATYGYYLG NPAEFHDSSD HHTFKKMLPR DERRFKAADL NGDLTTATREE FTAFLHPEEF EHMKKEIVVLE TLEIDKNGD GFVDQDEYIA DMFSHEENGPP EPDWVLISERE QFNEFRDLNK DGKLKDIEIR HWILPQDYDH AQAEARHLVY ESDKMKDEKL TKEELLENWN MFVGSQATNY GEDLTKNIDE L
1.2	Al dehydrogenase 6	MATANGAVEN QPDGKPPAL PRPPIRNLEVK FTKIFINNEW HESKSGKKFA TCNPSTREQI CEVEEGDKPD VDKAVEAAQV AFQRGSPWRR LDALSRGRLL HQLADLVERD RATLAALETM DTGKPFHAF FIDLEGCTRT

Figure 2

Key to Table:
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[Key to Table:]

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Abbildung 2

Seq.IDNO	Name	Proteinsequenz
13	Gravin	<p>LRYFAGWADK IQGKTIPTDD NNVCFTRHEP IGVCGAITPW NFPLILMLVWK LAPALCCGNT MVLKPAEQTP LTALYLGSLI KEAGFPPGVV NIVPGFGPTV GAALSSHPQI NKIAFTGSTE VGPLVKEAAS RSNLKRVTLE LGGKNPCIVC ADADLDLAVE CAHQGVFFNQ GQCCTAASRV FVEEQVYSEF VRSVEYAKK RPVGDPFDVK TEQGPQIDQK QFDKILLEIE SGKKEGAKLE CGGSAMEDKG LFIKPTVFSE VTDQNMRIAKE EIFGPVQPIL KFKSIEEVIK RANSTDYGLT AAVFTKNLDK ALKLASALES GTWINCYNA LYAQAPFGGF KMSGNGRELG EYALAEYTEV KTVTIKLGDK NP</p> <p>MGAGSSTEQR SPEQPPEGSS TPAEPEPSGG GPSAEEAAPDT TADPAIAASD PATKLLQKNG QLSTTINGVAE QDEFLSLQEGD LNGQKGALNG OGALNSQEEEV IIVTEVGQR DSEDVSERD S DKEMATKSAV VHDITDDGQE ENRNIEQIPS SESNLLELTQ PTESQANDIG FKKVFKFVGFG KFTVKKDKTE KPDTVQILLTV KKDEGEGAA AGDHQDPSLG AGEAASKES E PKQSTKEPEE TLKREQSHAE ISPPAESGQA VEECKEEGEE KQEKEPSKS ESPTSPEVTE TGSTFKKKFTT QGWAGWRKKT SFRKPKEDEV EASEKKKEQE PEKVDTEEDG KAEVASEKLT ASEQAHPQEP AESAHEPRLS AYEYKVELPS EEQVSGSQGP SEEKPAPLAT EVFDEKIEHV QEEVVAEVHV STVVEERTEEQ KTEVEETAGS VPAEEVLGMD AEPQEAEPAK ELWKLKETCV SGEDPTQGAD LSPDEKVLSK PPEGVVSEVE MLSSQERMKV QGSPLKKLFT STGLKKLSGK KQKGKRGGGD EESGEHTQVP ADSPDQSQQE KGEASSSSPE EPEEITCLEK GLAEVQDGE AEEGATSDGE KKREGVTPWA SFKKMVTPKK RVRRPSESDIK EDEELDKVKSA TLLSTESTAS EMQEEMKGSV EEPKPEEPKR KVDTSVSWEA LICVGSSKRR ARRSSSDEE GGPKAAGGDH QKADEAGKDK ETGTDGILAG SQEHDPGQGS SSPEQAGSPT EGEGVSTWES FKRJLVTPRK SKSKLEEKSE DSIAGSGVEH STPDTEPGKE ESWVSIKKFI PGRRKRPDC KQEQAPEVEDA GPTGANEDDS DVPAVVPULSE YDAVEREKME AQQAQKGAEQ PEQKAATEVS KELSESQVHM MAAAVADGCTR AATIIEERSP SWISASVTEP LEQVEAFAAL ITEEVLEREV IAEEEPPTVT EPLPENREAR GDTVVSEAEEL TPEAVTAET AGPLGSEEGT EASAAETTE MVSAVSQLTD SPDTEATP VQEVEGGVVD IEEQERTQE VLQAVAEEKVK</p>

Figure 2

[Key to Table:]

Proteinsequenz = Protein Sequence

Abbildung 2

Seq.IDNO	Name	Proteinsequenz
		EESQLPGIGG PEDVLQPVQV AEAERPEEEQA EASGLKKETD VVLLKVDQA EA KTEPFTQGKV VGQTTTPESFE KAPQVTESIE SSELVTTTCQA ETLAGVKSQE MVMEMAQAIAPPD SVEETPTDSET DGSTPVADEFD APGTTQKDEI VEIHEENEVA SGTQSGGGTEA EA VPAQKERP PAPSSFVFQEE ETKEQSKMED TLEHTDKEVS VETVSILSKT EGTQEADQYA DEKTKDVPFF EGLEGSIDTG IIVSREKVT E VALKGEGTEE AECKKDDALE LQSHAKSPPS PVEREMVVQV EREKTEA EPT HVNEEKLEHE TAVTVSEEV S KQLLQTVNVP I IDGAKEVSS LEGSPPPCLG QEFAVCTKIQ VOSSEASFTL TAAAEEEKVL GETANILETG E TLEPAGAHL VLEEKSSSEKN EDFAAHPGED AVPTGPDCA KSTPVIVSAT TKKGGLSSDLE GEKTTSLWK S DDEVDEQVAC QEVKVSYVAIE DLEPENGILE LETKSSKLVQ NI I QTA VDQF VRTEETATEM LTSELQTQAH VIKADSQDAG QETEKEGEEP QASAQDETPI TSAKEESEST AVGQAHSDIS KDMSEASEK T MTVEVEGSTV NDQQLEEVVL PSEE EGGGAG TKSVPEDDGH ALLAERIEKS LVEPKDEKG DDVDDPENQN SALADTDASG GLTKESPD TN GPKQKEKEDA QEVELQEGKV HSESDKAITP QAQEEQLQQE RESAKSELTE S
14	Nidogen	MLASSSRIRA AWTRALLPL LLAGPVGCLS RQELFPFRGPG QGDLELEDGD DFVSPAELS GALRFYDRSD IDAVYVTTNG I IATSEPPAK ESHPGLFPPT FGAVAPPFLAD LDTTDGLGKV YYREDLSPSI TQRRAECVHR GFPEISFQPS SAVVVTWESV A PYQGPSRDP DQKGKRNTFQ AVIASSDSSS YAIFLYPEDG LQFHTTFSKK ENNQVPAVVA FSQGSVGF LW KSN GAYNIFA NDRESIENLA KSSNSGQQGV WFEIGSPAT TNGVVVPADVI LGTEDGAEYD DEDEDYDLAT TRLGLEDVGT TPFSYKALRR GGADTYSVPS VLSPPRRAATE RPLGPPTERT RSFQLAVETF HQQHPQVIDV DEVEETGVVF SYNTDSRQTC ANM RIIHQCSVH AECRDYATGF CCS CVAGYTG NGRQCVAEGS PQRVNGKVKG RIFVGSSQVP I VFENTDLHS YVVMNHGRSY TAISTI PETV GYSLLPLAPV GGITIGWMFAV EQDGFKNGFS ITGGEFTRQA E VTIVGHPGN LVIKQRFSGI DEHGHLTIDT ELEGRVPOIIP

Figure 2

Proteinsequenz = Protein Sequence

[Key to Table:]

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Seq.IDNO	Name	Proteinsequenz
		FGSSVHIEPY TELXHYSSTSV ITSSSTREYT VTEPERDGAS PSRHYTYQWR QTITFQECVH DDSRPALPST QQLSVDSVVFV LYNQEEKILR YAFSNSIGPV REGSPDALQN PCY1GTHIGCD TNAACRGPGR TQFTCECSIG FRGDGRTCYD IDECSEQPSV CGSHTICNNH PGTFRCECVC GYQFSDEGTC VAVVDQRPIN YCETGLHNCD IPQRAQCIYT GGSSYTCSCL PGFSGDQAC QDVYDECQPSR CHIDAFCYNT PGSFTCQCKP GYQGDGFRCV PGEVEKTRCQ IEREHILGAA GATDPQRPIP PGLFVPECD A HGHYAPTOCH GSTGYCWVCD RDGREVEGTR TRPGMTPPCL STVAPPHQG PAVPTAVIPL PPGTHLIFAQ TGKIERLPLE GNTMRKTEAK AFLHVPAKVI IGLAFDCCVDK MVYWTDLTEP SIGRASLHGG EPTTIIIRQDL GSPEGIAVADH LGRNIFWTDS NLDRIEVAKL DGTQRRVLF E TDLVNPRGIV TDSVRGNLYW TDWNRDMPKI ETSYMDGTM RILVQDDLGL PNGLMHFDAFS SQLCWVDACT NRAECLMPSQ PSRKALEGL QYPFAVTSYG KNLYFTDWKM NSVVALIDLAI SKETDAFQPH KQTRLYGITT ALSQCPQGHN YCSVNNNGCT HLCLATPGSR TCRCPDNTLG VDC1ERK
15	Phospholipase Epsilon	C MPSEKKLISSA NDCISFMQAG CELKKVRPNS R1YNRFFFLD TDLQALRWEP SKKDLIEAKL DISAIKEIRL GKNTETFTNN GLADQ1CEDC AFSILHGENY ESSLDLVANSA DVANIWVSGL RYLVRSRQKQ LDFMEGNQNT PRPMWLLKTVF EAADYDGN1 MLEDTSVELI KQLNPTLKEA KIRLKFKEIQ KSKEKLTTTRV TEEEFCEAFC ELCTRPEVYF LLVQ1SKNKE YLLDANDLMLF LEAEQGVTHI TEDIICLIIIR RYELSEEGRQ KGFLIAIDGFT QYLLSSECDI FDPEQKVAQ DMTQPLSHYY INASHNTYLL EDQFRGPADI NGY1RALKMG CRSVELDVSD GSDNEPILCN RNNMTTHVSF RSVIEVINKF AFVASEYPLI LCGLNHCSLP QQKVMAQQMK KVFGNKLYTE APLSESYLP SPEKLKRMII VKGKKLPLSDP DVLEGEVTDE DEAQMSRRM SVDYNGEQKQ IRLCRELSDL VSICKSVQYR DFELSMKSON YWEMCSFSET EASRIANEYP EDFVNYYNKKF LSRIYPSAMR IDSSNLPQD FWNCGCQIVA MNFQTPGPMM DLHTGMFLQN GGCGYVLRPS IMRDEVSYFS ANTKGILPGV SPLALHIKI SGQNFPKPKG ACAKGDV1DP YVCIEIHC1P ADCSEQRTKT VQQNSDNP1F DETFEFQVN1 PELAMIRFVV LDDDY1GDEF IGOYTIIPFEC LQPGYRHVPL RSFVGDIIMEH VTFVHIAIT NRSGGGKAQK RSLSVRMGKK

Figure 2

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[Key to Table:]

Proteinsequenz = Protein Sequence

Abbildung 2

Seq.IDNO	Name	Proteinsequenz
		VREYTMRLRNIGLKTIDDI FKIAVHPLREAI DMRENMQNAT VSIKELCGLP PIASLKOCLL TLSRRLITS D
		NTPSVSLVMK DSFPYPLEPLG AIPDVQKKML TAYDLMIQES RFLIEMADTV QEKIVQCQKA GMFHEELHN
		LGAKEGLKGR KLNKATESFA WNTIVLKGQG DLJLKNAKNEA LENMKQIQLA CLSCGLSKAP SSSAEAKSKR
		SLEAIEEKES SEENGKL

Figure 2

15/15

[Key to Table:]

Proteinsequenz = Protein Sequence